

IN THE SPECIFICATION:

Please revise the specification in the Published Patent Application No. 2005/0071328 as follows:

Please amend the title to read as follows:

PERSONALIZATION OF WEB SEARCH RESULTS USING TERM, CATEGORY,
AND LINK-BASED USER PROFILES

Please amend the following paragraphs of the specification:

[0044] A user's specific interests may be associated with multiple categories at various levels, each of which may have a weight indicating the degree of relevance between the category and the user's interest. In one embodiment, a category-based profile may be implemented using a Hash table data structure as shown in Fig. 4B. A category-based profile table 450 includes a table [[455]] that comprises a plurality of records [[460]] 341-1, 342-2, ..., 342-n, each record including a USER_ID and a pointer pointing to another data structure, such as a table, e.g., one of the tables shown on the right side of Fig. 4B.~~table 460-1.~~ This table ~~Table 460-1~~ may include two columns, a CATEGORY_ID column [[470]] and a WEIGHT column [[480]]. The CATEGORY_ID column [[470]] contains a category's identification number as shown in Fig. 4A, suggesting that this category is relevant to the user's interests and the value in the WEIGHT column [[480]] indicates the degree of relevance of the category to the user's interests.

[0070] In some embodiments that employ a server-side implementation, the user's identification number is embedded in the search query. Based on the user's identification number, the user profile server 108 identifies the user's user profile at step 925. Starting from step 930, the user profile server 108 or the search engine 104 analyzes each document identified at step 920 to determine its relevance to the user's profile, creates a profile score for the identified document at step 935 and then assigns the document a personalized score that is a function of the document's generic and profile scores at step 940. At step 942, the user profile server 108 or the search engine 104 checks whether this the last one in the list of identified documents. If no, the system processes the next document in the list. Otherwise,

the list of documents are re-ordered according to their personalized scores at step 945 and then sent to the corresponding client from which the user submitted the search query.